



19	100.0	324	45	US	09	935	697	17164	A	Se-pence	1754	A	1794	11	05	06	212	345	1	35	100.0	3	631	1
19	100.0	356	17	US	09	459	667	5604	Ap	Se-pence	5504	Ap	1799	14	05	09	116	133	1041	35	100.0	3	631	1
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19	100.0	471	17	US	09	459	667	5611	Ap	Se-pence	5611	Ap	1799	14	05	09	116	133	1041	35	100.0	3	631	1
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19	100.0	475	28	US	09	715	641	6110	A	Se-pence	6110	Ap	1799	14	05	09	116	133	1041	35	100.0	3	631	1
19	100.0	475	34	US	09	927	875	6110	Ap	Se-pence	6110	Ap	1799	14	05	09	116	133	1041	35	100.0	3	631	1
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1919	Sequence 4161, Ap	354	15.4	81.1	05 09 716	6.86 1944	Sequence 4162, Ap	355	15.4	81.1	05 09 721	6.87 1969	Sequence 4163, Ap	356	15.4	81.1	05 09 726	6.88 1994	Sequence 4164, Ap	357	15.4	81.1	05 09 731	6.89 2019	Sequence 4165, Ap	358	15.4	81.1	05 09 736	6.90 2044	Sequence 4166, Ap	359	15.4	81.1	05 09 741	6.91 2069	Sequence 4167, Ap	360	15.4	81.1	05 09 746	6.92 2094	Sequence 4168, Ap	361	15.4	81.1	05 09 751	6.93 2119	Sequence 4169, Ap	362	15.4	81.1	05 09 756	6.94 2144	Sequence 4170, Ap	363	15.4	81.1	05 09 761	6.95 2169	Sequence 4171, Ap	364	15.4	81.1	05 09 766	6.96 2194	Sequence 4172, Ap	365	15.4	81.1	05 09 771	6.97 2219	Sequence 4173, Ap	366	15.4	81.1	05 09 776	6.98 2244	Sequence 4174, Ap	367	15.4	81.1	05 09 781	6.99 2269	Sequence 4175, Ap	368	15.4	81.1	05 09 786	7.00 2294	Sequence 4176, Ap	369	15.4	81.1	05 09 791	7.01 2319	Sequence 4177, Ap	370	15.4	81.1	05 09 796	7.02 2344	Sequence 4178, Ap	371	15.4	81.1	05 09 801	7.03 2369	Sequence 4179, Ap	372	15.4	81.1	05 09 806	7.04 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3344	Sequence 4218, Ap	411	15.4	81.1	06 00 001	7.43 3369	Sequence 4219, Ap	412	15.4	81.1	06 00 006	7.44 3394	Sequence 4220, Ap	413	15.4	81.1	06 00 011	7.45 3419	Sequence 4221, Ap	414	15.4	81.1	06 00 016	7.46 3444	Sequence 4222, Ap	415	15.4	81.1	06 00 021	7.47 3469	Sequence 4223, Ap	416	15.4	81.1	06 00 026	7.48 3494	Sequence 4224, Ap	417	15.4	81.1	06 00 031	7.49 3519	Sequence 4225, Ap	418	15.4	81.1	06 00 036	7.50 3544	Sequence 4226, Ap	419	15.4	81.1	06 00 041	7.51 3569	Sequence 4227, Ap	420	15.4	81.1	06 00 046	7.52 3594	Sequence 4228, Ap	421	15.4	81.1	06 00 051	7.53 3619	Sequence 4229, Ap	422	15.4	81.1	06 00 056	7.54 3644	Sequence 4230, Ap	423	15.4	81.1	06 00 061	7.55 3669	Sequence 4231, Ap	424	15.4	81.1	06 00 066	7.56 3694	Sequence 4232, Ap	425	15.4	81.1	06 00 071	7.57 3719	Sequence 4233, Ap	426	15.4	81.1	06 00 076	7.58 3744	Sequence 4234, Ap	427	15.4	81.1	06 00 081	7.59 3769	Sequence 4235, Ap	428	15.4	81.1	06 00 086	7.60 3794	Sequence 4236, Ap	429	15.4	81.1	06 00 091	7.61 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4294	Sequence 4256, Ap	449	15.4	81.1	06 00 191	7.81 4319	Sequence 4257, Ap	450	15.4	81.1	06 00 196	7.82 4344	Sequence 4258, Ap	451	15.4	81.1	06 00 201	7.83 4369	Sequence 4259, Ap	452	15.4	81.1	06 00 206	7.84 4394	Sequence 4260, Ap	453	15.4	81.1	06 00 211	7.85 4419	Sequence 4261, Ap	454	15.4	81.1	06 00 216	7.86 4444	Sequence 4262, Ap	455	15.4	81.1	06 00 221	7.87 4469	Sequence 4263, Ap	456	15.4	81.1	06 00 226	7.88 4494	Sequence 4264, Ap	457	15.4	81.1	06 00 231	7.89 4519	Sequence 4265, Ap	458	15.4	81.1	06 00 236	7.90 4544	Sequence 4266, Ap	459	15.4	81.1	06 00 241	7.91 4569	Sequence 4267, Ap	460	15.4	81.1	06 00 246	7.92 4594	Sequence 4268, Ap	461	15.4	81.1	06 00 251	7.93 4619	Sequence 4269, Ap	462	15.4	81.1	06 00 256	7.94 4644	Sequence 4270, Ap	463	15.4	81.1	06 00 261	7.95 4669	Sequence 4271, Ap	464	15.4	81.1	06 00 266	7.96 4694	Sequence 4272, Ap	465	15.4	81.1	06 00 271	7.97 4719	Sequence 4273, Ap	466	15.4	81.1	06 00 276	7.98 4744	Sequence 4274, Ap	467	15.4	81.1	06 00 281	7.99 4769	Sequence 4275, Ap	468	15.4	81.1	06 00 286	8.00 4794	Sequence 4276, Ap	469	15.4	81.1	06 00 291	8.01 4819	Sequence 4277, Ap	470	15.4	81.1	06 00 296	8.02 4844	Sequence 4278, Ap	471	15.4	81.1	06 00 301	8.03 4869	Sequence 4279, Ap	472	15.4	81.1	06 00 306	8.04 4894	Sequence 4280, Ap	473	15.4	81.1	06 00 311	8.05 4919	Sequence 4281, Ap	474	15.4	81.1	06 00 316	8.06 4944	Sequence 4282, Ap	475	15.4	81.1	06 00 321	8.07 4969	Sequence 4283, Ap	476	15.4	81.1	06 00 326	8.08 4994	Sequence 4284, Ap	477	15.4	81.1	06 00 331	8.09 5019	Sequence 4285, Ap	478	15.4	81.1	06 00 336	8.1
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[illegible]

15.4	81.1	2552	34	US 60 160 207 640	Sequence 6645, Ap	679	15.4	81.1	5.039	11	02	30	1.06	646	1.4440	25	per 65	1.444
15.4	81.1	2446	61	US 60 172 373 2160	Sequence 2458, A	680	15.4	81.1	6.056	14	02	09	101	620	6.696	25	per 65	6.696
15.4	81.1	2488	1	PCT US02 16174A 1834	Sequence 1834, Ap	681	15.4	81.1	6.018	51	02	06	174	164	1.0882	25	per 65	1.0882
15.4	81.1	2488	41	US 10 191 803 147	Sequence 167, Ap	682	15.4	81.1	25.19	24	02	09	634	1.50	2.907	25	per 65	2.907
15.4	81.1	2505	60	US 60 460 209 2163	Sequence 2163, A	683	15.4	81.1	25.19	63	02	06	174	1.50	2.907	25	per 65	2.907
15.4	81.1	2517	1	PCT US02 08476 662	Sequence 662, App	684	15.4	81.1	25.19	64	02	06	174	681	1.0150	25	per 65	1.0150
15.4	81.1	2711	98	US 10 029 386 20410	Sequence 20410, A	685	15.4	81.1	10.127	39	02	09	729	215	1	25	per 65	1
15.4	81.1	2743	1	PCT US01 27700A 299	Sequence 299, App	686	15.4	81.1	10.091	25	02	09	657	613	24	25	per 65	24
15.4	81.1	2743	27	US 09 687 525 333	Sequence 333, App	687	15.4	81.1	10.182	25	02	09	657	613	25	25	per 65	25
15.4	81.1	2928	40	US 10 104 047 988	Sequence 988, App	688	15.4	81.1	10.182	25	02	09	657	613	27	25	per 65	27
15.4	81.1	2952	1	PCT US02 05064 140	Sequence 140, App	689	15.4	81.1	10.182	25	02	09	657	613	28	25	per 65	28
15.4	81.1	3015	24	US 09 629 469A 18054	Sequence 18054, A	690	15.4	81.1	10.470	31	02	09	814	453	20108	25	per 65	20108
15.4	81.1	3102	76	US 60 324 185 18200	Sequence 18200, A	691	15.4	81.1	10.470	41	02	09	814	453	20108	25	per 65	20108
15.4	81.1	3206	1	PCT US02 09188 1565	Sequence 1565, Ap	692	15.4	81.1	10.486	46	02	06	324	185	6224	25	per 65	6224
15.4	81.1	3206	1	PCT US02 09269 667	Sequence 669, App	693	15.4	81.1	10.486	23	02	09	669	776	6224	25	per 65	6224
15.4	81.1	3206	1	PCT US02 09257 889	Sequence 889, App	694	15.4	81.1	10.471	68	02	06	319	605	66	25	per 65	66
15.4	81.1	3206	1	PCT US02 09370 1553	Sequence 1673, Ap	695	15.4	81.1	10.472	68	02	06	319	605	66	25	per 65	66
15.4	81.1	3206	1	PCT US02 09922 1008	Sequence 1008, Ap	696	15.4	81.1	10.472	70	02	06	291	975	116	25	per 65	116
15.4	81.1	3206	46	US 09 950 082 1933	Sequence 1508, Ap	697	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3206	40	US 10 105 299 7178	Sequence 7178, Ap	698	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09188 1564	Sequence 1564, Ap	699	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
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15.4	81.1	3207	1	PCT US02 09249 65	Sequence 1566, Ap	701	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09257 888	Sequence 556, App	702	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09257 888	Sequence 558, App	703	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 890, App	704	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	705	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1651, Ap	706	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	707	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	708	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	709	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	710	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	711	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	712	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	713	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	714	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	715	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	716	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	717	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	718	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	719	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	720	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	721	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	722	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	723	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	724	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	725	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	726	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	727	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	728	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	729	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	730	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	731	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	732	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	733	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	734	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	735	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	736	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	737	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	738	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	739	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	740	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	741	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	742	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	743	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	744	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	745	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	746	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	3207	1	PCT US02 09370 1553	Sequence 1652, Ap	747	15.4	81.1	10.496	1	02	09	001	12552	41	25	per 65	41
15.4	81.1	320																

76	11.8	77.9	246	21	08-09-540-766-2447	Sequence 2447, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	2	76	11.8	77.9	246	21
76	11.8	77.9	244	12	08-09-540-766-2447	Sequence 411, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	3	76	11.8	77.9	244	12
76	11.8	77.9	241	21	08-09-540-766-2447	Sequence 412, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	4	76	11.8	77.9	241	21
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	5	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	6	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	7	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	8	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	9	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	10	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	11	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	12	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	13	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	14	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	15	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	16	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	17	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	18	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	19	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	20	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	21	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	22	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	23	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	24	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	25	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	26	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	27	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	28	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	29	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	30	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	31	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	32	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	33	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	34	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	35	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	36	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	37	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	38	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	39	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	40	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	41	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	42	76	11.8	77.9	242	11
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76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	45	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	46	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	47	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	48	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	49	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	50	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	51	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	52	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	53	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	54	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	55	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	56	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	57	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	58	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	59	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	60	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	61	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	62	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	63	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	64	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9	376	13	08-09-540-766-2447	65	76	11.8	77.9	242	11
76	11.8	77.9	242	11	08-09-540-766-2447	Sequence 1579, Ap	8.65	14.8	77.9									

























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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 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[illegible]

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1. *Introduction*

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